



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/805,187	03/13/2001	Robert J. Tuttle	PC-738CIP	1707

23717 7590 07/09/2004

LAW OFFICES OF BRIAN S STEINBERGER  
101 BREVARD AVENUE  
COCOA, FL 32922

EXAMINER
----------

PHAN, JOSEPH T

ART UNIT	PAPER NUMBER
2645	74

DATE MAILED: 07/09/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/805,187

Applicant(s)

TUTTLE, ROBERT J.

Examiner

Joseph T Phan

Art Unit

2645

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 17 May 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-8 and 10-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 and 10-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 7 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding lines 6-13 of claim 7, it is unclear and confusing if "...the next step..." is referring to the step of "...disconnecting the call..." or the step of "...determine if a live cadence..." The flow of the claim is not consistent and defined. Appropriate correction or clarification is required.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. **Claims 1-8 and 10-20 rejected under 35 U.S.C. 102(b) as being anticipated by Caldwell, Patent #5,644,624.**

Art Unit: 2645

**4. Claims 1-8 and 10-20 rejected under 35 U.S.C. 102(e) as being anticipated by Cox et al., Patent #6,233,319.**

Regarding claim 1, Cox teaches an automated method of delivering a recorded information message via a telephone dialing system to an automated recorder while simultaneously monitoring the recorder for echo cancellation signals, comprising the steps of:

(a) (i) placing a telephone call to a telephone number of an answering machine, the telephone number being selected from a database of telephone numbers(col.2 lines 45-48);

(a) (ii) detecting a signal being emitted from the answering machine;

(a) (iii) determining if the detected signal is a continuous noise signal over a first time period or is a period of silence over a second time period, the first time period being different from the second time period (col.3 lines 7-53);

(b) playing a recorded information message onto the answering machine(166-170 Fig.3 and col.2 lines 15-25);

(c) monitoring the answering machine for echo cancellation signals while simultaneously playing the recorded message (172-176 Fig.3 and col.3 lines 7-53);

(d) repeating step (b) for echo cancellation signals(col.2 lines 18-25); and

(e) continuing to play the recorded message if there are no echo cancellation signals, wherein the method overcomes problems with premature launching of the recorded message so that the recorded message is launched closer to the time when the answering machine begins recording, and the recorded message

Art Unit: 2645

is delivered in a nontruncated form (col.3 line 7-col.4 line 40); and  
(f) repeating the above steps until at least a pass through of all the telephone numbers from the database have been called(176-178 Fig.3 and col.4 lines 11-41).

Regarding claim 2, Cox teaches the automated method of delivering the recorded information message of claim 1, wherein the echo cancellation signals includes: sounds being emitted from the answering machine (col.4 lines 3-10).

Regarding claim 3, Cox teaches the automated method of delivering the recorded information message of claim 1, wherein step(d) further includes: repeating step (b) for less than three sound occurrences (col.2 lines 20-24; a message replayed just once is less than three sound occurrences).

Regarding claim 4, Cox teaches the automated method of delivering the recorded information message of claim 1, wherein step(e) further includes: continuing to play the recorded message if there are at least three echo cancellation signals(col.2 lines 20-24).

Regarding claim 5, Cox teaches the automated method of delivering the recorded information message of claim 1, further comprising the steps of-  
(f) removing echo signal monitoring and continuing to play the recorded message to completion (col.3 lines 34-54).

Regarding claim 6, Cox teaches the automated system for delivering recorded information messages of claim 1, wherein the answering machine of step(a) is chosen from one of:

Art Unit: 2645

a tape machine, a digital machine, a pager, a telephone provider voice/memory call machine, and a cellular machine(42 Fig.1, col.2 lines 40-44, and col.4 lines 54-64; it is understood that at least one of these machines can be the recipient).

Regarding claim 7, Cox teaches the automated system for delivering recorded information messages of claim 1, wherein step(a) includes: monitoring status of the call to determine if the call is connected or not connected(166 Fig.3), if the call is connected go to the next step, if the call is not connected go to disconnecting the call and updating the database to reflect the call being not connected, and select another telephone number from the database (col.2 lines 41-48 and col.3 lines 6-53); determine if a live cadence/voice signal is detected and if so go to playing a recorded information message (col.1 lines 51-65).

Regarding claim 8, Cox teaches the method of claim 1, wherein the selected time period of the solid tone emission is approximately one second (col.3 lines 6-24).

Regarding claim 10, Cox teaches the method of claim 9, wherein the selected time period of the solid tone emission is approximately one second, and the subsequent time period for the silent response is approximately two seconds (col.3 lines 7-53).

Regarding claims 11 and 20, Cox teaches an automated method and means of delivering a recorded information message via a telephone dialing system to an automated recorder while simultaneously monitoring the recorder for echo cancellation signals, comprising the steps of:

Art Unit: 2645

(a) (i) placing a telephone call to an answering machine;

(a) (ii) alternatively detecting for both a continuous solid tone being emitted from the answering machine over a first time period or for a silence response from the answering machine over a second time period, wherein the first time period is different from the second time period(*col.3 lines 7-53 and col.4 lines 21-41; Cox does detect a tone for a selected time period[see col.3 lines 6-24 and lines 43-53; silence OR energy condition(i.e. tone) of a predetermined threshold. It is understood and well-known that answering machines play an outgoing greeting message(speech) followed by a beep(energy) to begin recording (this is a standard and a well-known feature of answering machines which Cox discloses in col.3 lines 38-53; One skilled in the art of answering machines understand the meaning behind the three types of conditions disclosed by Cox: speech(OGM or live person), energy(tone), then silence];*

(b) playing a recorded information message onto the answering machine,  
(c) monitoring the answering machine for echo cancellation signals while simultaneously playing the recorded message, (d) repeating step (b) for echo cancellation signals, and  
(e) continuing to play the recorded message if there are no echo cancellation signals, wherein the method overcomes problems with premature launching of the recorded message so that the recorded message is launched closer to the time when the answering machine begins recording, and wherein the recorded message is delivered in a nontruncated form(col.3 lines 7-53).

Regarding claim 12, Cox teaches the method of claim 11 wherein the first

Art Unit: 2645

time period of the solid tone emission is approximately one second and the second time period for the silent response is approximately two seconds (col.3 lines 7-53).

Regarding claim 13, Cox teaches the method of claim 11 further comprising the step of:

(a)(iii) detecting for a subsequent silence response over a subsequent time period after expiration of the first time period for the detection of the solid tone emission from the answering machine, the subsequent time period being different from the first time period(col.3 lines 7-53).

Regarding claim 14, Cox teaches the method of claim 13 wherein the first time period is approximately one second, and the subsequent time period is approximately two seconds(col.3 lines 7-53).

Regarding claim 15, Cox teaches the method of claim 11, further comprising the step of:

(a)(iii) detecting for a subsequent silence response over a subsequent time period after expiration of the second time period for the detection of the silence response from the answering machine, the subsequent time period being different from the second time period(col.3 lines 7-53).

Regarding claim 16, Cox teaches the method of claim 15, wherein the second time period is approximately two seconds and the subsequent time period is approximately one second(col.3 lines 7-53 and col.4 lines 21-41).

Regarding claim 17, Cox teaches the method of claim 11, further comprising the steps of:



Art Unit: 2645

(a)(iii) detecting for a first subsequent silence response over a first subsequent time period after expiration of the first time period for the detection of the solid tone emission from the answering machine, the first subsequent time period being different from the first time period; and detecting for a second subsequent silence response over a second subsequent time period after expiration of the second time period for the detection of the silence response from the answering machine, the second subsequent time period being different from the second time period(col.3 lines 7-53 and col.4 lines 21-41).

Regarding claim 18, Cox teaches the method of claim 17, wherein the first time period is approximately one second and the second time period is approximately two seconds(col.3 lines 7-53 and col.4 lines 21-41).

Regarding claim 19, Cox teaches the method of claim 18, wherein the first subsequent time period is approximately two seconds, and the second subsequent time period is approximately one second(col.3 lines 7-53 and col.4 lines 21-41).

**5. Claims 1-8 and 10-20 rejected under 35 U.S.C. 102(b) as being anticipated by Caldwell, Patent #5,644,624.**

Regarding claim 1, Caldwell teaches an automated method of delivering a recorded information message via a telephone dialing system to an automated recorder while simultaneously monitoring the recorder for echo cancellation signals, comprising the steps of:

Art Unit: 2645

(a) (i) placing a telephone call to a telephone number of an answering machine, the telephone number being selected from a database of telephone

numbers(col.6 lines 1-10);

(a) (ii) detecting a signal being emitted from the answering machine and (a) (iii) determining if the detected signal is a continuous noise signal over a first time period or is a period of silence over a second time period, the first time period being different from the second time period (col.8 lines 39-64);

(b) playing a recorded information message onto the answering machine(col.8 lines 39-64);

(c) monitoring the answering machine for echo cancellation signals while simultaneously playing the recorded message (col.8 lines 39-64);

(d) repeating step (b) for echo cancellation signals(Fig.3 and col.8 lines 39-64);  
and

(e) continuing to play the recorded message if there are no echo cancellation signals, wherein the method overcomes problems with premature launching of the recorded message so that the recorded message is launched closer to the time when the answering machine begins recording, and the recorded message is delivered in a nontruncated form (col.8 lines 39-64); and

(f) repeating the above steps until at least a pass through of all the telephone numbers from the database have been called(Fig.3).

Regarding claim 2, Caldwell teaches the automated method of delivering the recorded information message of claim 1, wherein the echo cancellation

Art Unit: 2645

signals includes: sounds being emitted from the answering machine (col.7 lines 1-20 and col.8 lines 39-64).

Regarding claim 3, Caldwell teaches the automated method of delivering the recorded information message of claim 1, wherein step(d) further includes: repeating step (b) for less than three sound occurrences (fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

Regarding claim 4, Caldwell teaches the automated method of delivering the recorded information message of claim 1, wherein step(e) further includes: continuing to play the recorded message if there are at least three echo cancellation signals(fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

Regarding claim 5, Caldwell teaches the automated method of delivering the recorded information message of claim 1, further comprising the steps of- (f) removing echo signal monitoring and continuing to play the recorded message to completion (fig.3 and col.7 lines 1-40 and col.8 lines 39-64).

Regarding claim 6, Caldwell teaches the automated system for delivering recorded information messages of claim 1, wherein the answering machine of step(a) is chosen from one of: a tape machine, a digital machine, a pager, a telephone provider voice/memory call machine, and a cellular machine(fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

Regarding claim 7, Caldwell teaches the automated system for delivering recorded information messages of claim 1, wherein step(a) includes:

Art Unit: 2645

monitoring status of the call to determine if the call is connected or not connected, if the call is connected go to the next step, if the call is not connected go to disconnecting the call and updating the database to reflect the call being not connected, and select another telephone number from the database(fig.3 and col.7 lines 1-20 and col.8 lines 39-64);

determine if a live cadence/voice signal is detected and if so go to playing a recorded information message (fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

Regarding claim 8, Caldwell teaches the method of claim 1, wherein the selected time period of the solid tone emission is approximately one second (fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

Regarding claim 10, Caldwell teaches the method of claim 9, wherein the selected time period of the solid tone emission is approximately one second, and the subsequent time period for the silent response is approximately two seconds (fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

Regarding claims 11 and 20, Caldwell teaches an automated method and means of delivering a recorded information message via a telephone dialing system to an automated recorder while simultaneously monitoring the recorder for echo cancellation signals, comprising the steps of:

- (a) (i) placing a telephone call to an answering machine (col.6 lines 1-10);
- (a) (ii) alternatively detecting for both a continuous solid tone being emitted from the answering machine over a first time period or for a silence response from the answering machine over a second time period, wherein the first time period is

Art Unit: 2645

different from the second time period(fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

(b) playing a recorded information message onto the answering machine, (c) monitoring the answering machine for echo cancellation signals while simultaneously playing the recorded message, (d) repeating step (b) for echo cancellation signals, and (e) continuing to play the recorded message if there are no echo cancellation signals, wherein the method overcomes problems with premature launching of the recorded message so that the recorded message is launched closer to the time when the answering machine begins recording, and wherein the recorded message is delivered in a nontruncated form(fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

Regarding claim 12, Caldwell teaches the method of claim 11 wherein the first time period of the solid tone emission is approximately one second and the second time period for the silent response is approximately two seconds (fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

Regarding claim 13, Caldwell teaches the method of claim 11 further comprising the step of:

(a)(iii) detecting for a subsequent silence response over a subsequent time period after expiration of the first time period for the detection of the solid tone emission from the answering machine, the subsequent time period being different from the first time period(fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

Regarding claim 14, Caldwell teaches the method of claim 13 wherein the

Art Unit: 2645

first time period is approximately one second, and the subsequent time period is approximately two seconds(fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

Regarding claim 15, Caldwell teaches the method of claim 11, further comprising the step of:

(a)(iii) detecting for a subsequent silence response over a subsequent time period after expiration of the second time period for the detection of the silence response from the answering machine, the subsequent time period being different from the second time period(fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

Regarding claim 16, Caldwell teaches the method of claim 15, wherein the second time period is approximately two seconds and the subsequent time period is approximately one second(fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

Regarding claim 17, Caldwell teaches the method of claim 11, further comprising the steps of:

(a)(iii) detecting for a first subsequent silence response over a first subsequent time period after expiration of the first time period for the detection of the solid tone emission from the answering machine, the first subsequent time period being different from the first time period; and detecting for a second subsequent silence response over a second subsequent time period after expiration of the second time period for the detection of the silence response from the answering machine, the second subsequent time period being different from the second time period(fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

Regarding claim 18, Caldwell teaches the method of claim 17, wherein the first time period is approximately one second and the second time period is approximately two seconds(fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

Regarding claim 19, Caldwell teaches the method of claim 18, wherein the first subsequent time period is approximately two seconds, and the second subsequent time period is approximately one second(fig.3 and col.7 lines 1-20 and col.8 lines 39-64).

### ***Response to Arguments***

6. Applicant's arguments with respect to claims 1-8 and 10-20 have been considered but are moot in view of the new ground(s) of rejection in view of the Caldwell Patent.

In response to applicant's arguments of the prior art of record Cox, the newly amended claim limitations has removed the 'and' condition and replaced it with 'or' in line 10 of claim 1; line 7 of claim 11; and line 6 of claim 20; therefore applicant's arguments are moot as Cox does teach the claimed invention.

In response to applicant's arguments regarding MPEP section 706.04, this is a moot subject as this section refers to giving full faith and credit to the same application that another examiner has worked on. It is obvious that the current application is another application than of Patented case #6,324,262.

Furthermore, the claims in patented case #6,324,262 are narrower and different than the current claimed invention. Examiner recommends adding all of the independent claim language of the patented case -262 into the current

Art Unit: 2645

applications independent claims.

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph T Phan whose telephone number is 703-305-3206. The examiner can normally be reached on M-TH 9:00-6:30, in every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on 703-305-4895. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JTP  
June 28, 2004



FAN TSANG  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

